

Receipt date: 12/21/2007

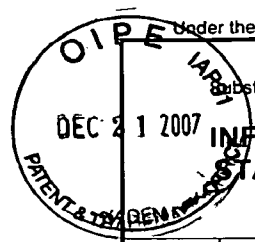
10509662 - GAU: 2812

PTO/SB/08a (09-06)

Approved for use through 03/31/2007. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.



Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

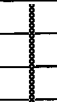
(Use as many sheets as necessary)

Sheet 1 of 2


Complete if Known

Application Number	10/509,662
Filing Date	August 22, 2005
First Named Inventor	Takuya SUGAWARA
Art Unit	2812
Examiner Name	L. Cheung
Attorney Docket Number	101249.55470US

U.S. PATENT DOCUMENTS

U.S. PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)				
/CL/	A1	US- 6,110,842	A	08-29-2000	Yasutoshi Okuno et al.	
	A2	US- 6,136,654	A	10-24-2000	Robert Kraft et al.	
	A3	US- 6,450,116	B1	09-17-2002	David B. Noble et al.	
	A4	US- 2002/0002948	A1	01-10-2002	Toshiaki Hongo et al.	
	A5	US- 2002/0096721	A1	07-25-2002	Tohru Mogami et al.	
	A6	US- 2004/0042307	A1	03-04-2004	Tadahiro Ohmi et al.	
	A7	US- 2002/0020498	A1	02-21-2002	Tadahiro Ohmi et al.	
/CL/	A8	US- 2002/0111000	A1	08-15-2002	Satoru Kawakami et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶	
		Country Code ³ Number ⁴ Kind Code ⁵ <i>(if known)</i>					
/CL/	B1	EP 0 847 079 A2	06-10-1998	Texas Instruments Incorporated			
	B2	JP 10-173187 A	06-26-1998	Texas Instruments Incorporated	Corresponds to A2 above	ABS	
	B3	JP 2002-222941 A	08-09-2002	Sony Corp.		ABS	
	B4	JP 2003-163213 A	06-06-2003	Nippon Electric Co.		ABS	
	B5	JP 2003-282567 A	10-03-2003	Hitachi Kokusai Electric Inc.		ABS	
	B6	WO 02/054474 A1	07-11-2002	Tadahiro OMI		ABS	
	B7	WO 00/65631 A2	11-02-2000	Applied Materials, Inc.			
	B8	JP 2001-338918 A	12-07-2001	Tadahiro OMI and Rohm Co., Ltd.	Corresponds to A7 above	ABS	
	B9	JP 2001-274148 A	10-05-2001	Tokyo Electron Ltd.		ABS	
	/CL/	B10	JP 11-111620 A	04-23-1999	Fron Tec:KK et al.		ABS

Examiner Signature	/Cheung Lee/	Date Considered	06/13/2009
--------------------	--------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Receipt date: 12/21/2007

10509662 - GAU: 2812

PTO/SB/08b (09-06)

Approved for use through 03/31/2007. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)			Complete if Known	
			Application Number	10/509,662
			Filing Date	August 22, 2005
			First Named Inventor	Takuya SUGAWARA
			Art Unit	2812
Examiner Name	L. Cheung			
Sheet 2 of 2	Attorney Docket Number		101249.55470US	

FOREIGN PATENT DOCUMENTS						
Examiner Initials [*]	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
/CL/	B11	JP 2002-170825 A	06-14-2002	NEC Corp.	Corresponds to A5 above	ABS
/CL/	B12	JP 2002-261097 A	09-13-2002	Tadahiro OMI	Corresponds to A6 above	ABS
/CL/	B13	JP 2001-274151 A	10-05-2001	Tokyo Electron Ltd.	Corresponds to A4 above	ABS
/CL/	B14	JP 2000-294550 A	10-20-2000	Tokyo Electron Ltd.	Corresponds to A8 above	ABS

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials [*]	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/CL/	C1	Corresponding International Preliminary Examination Report (Form PCT/IPEA/409) dated May 7, 2004, along with Form PCT/IB/338 (Five (5) pages)	
/CL/	C2	Corresponding International Search Report (Form PCT/ISA/210) dated July 1, 2003 (Two (2) pages)	
/CL/	C3	Corresponding Japanese Office Action dated April 3, 2007 (Five (5) pages)	
/CL/	C4	Corresponding Japanese Office Action dated October 16, 2007 (Four (4) pages)	

Examiner Signature	/Cheung Lee/	Date Considered	06/13/2009
--------------------	--------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.